NWS FORM E-5	U.S. DEPARTMENT OF COMMERCE	HYDROLOGIC SERVICE AREA (HSA)		
(11-88)	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
(PRES. BY WSOM E-41)	NATIONAL WEATHER SERVICE	San Angelo, TX		
MONTHLY R	REPORT OF RIVER AND FLOOD CONDITIONS	REPORT FOR: MONTH April	YEAR 2004	
<u> </u>	Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	SIGNATURE Jason Johnson In Charge of HSA		
		DATE May 14	l, 2004	

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

[X] No flood stages were reached in this HSA for the month above.

Numerous showers and thunderstorms occurred over West Central Texas during the month of April. These events brought above normal rainfall across most of the HSA.

An upper level disturbance moved from Northern Mexico into Western Texas on the 2nd of the month bringing moderate to heavy rain east of a line from Abilene to Ballinger to Fort McKavett. Areas east of this line received 0.50 of an inch to 1.50 inches of rain. Isolated areas in Mason and Coleman counties received as much as two to three inches of rain from the storm system.

Late on the 5th of the month, a storm system moved in from New Mexico bringing widespread one to two inches of rainfall over the HSA. Northern Taylor County received near two inches of rain while areas across San Saba County received over two inches of rain. The heavy rain caused some urban flooding in San Angelo as streets were carrying runoff to the creeks.

More rain occurred over the southern half of the HSA on the 10th as a strong cold front moved across the region. Once again, Mason County received the heaviest amounts of rain which ranged from one to two inches. Lesser amounts from 0.25 to one inch were received across the Northwest Hill Country, Concho Valley and Heartland.

Late on the 23rd as a cold front moved into West Central Texas, heavy rain occurred over areas in the Big Country and Heartland. Abilene received a little over 1.2 inches of rain in less than an hour. The storms producing the heavy rainfall moved across Abilene and over the town of Clyde, creating flash flooding in these urban areas. Mostly street flooding was reported in Abilene. The community of Clyde reported water in businesses downtown as well as street closures. Storm total rainfall amounts were in excess of two inches for Abilene, Albany, Brownwood and Winters.

Another round of showers and thunderstorms developed along an advancing cold front that moved across the Big Country and Heartland on the 25th of the month. Generally 0.50 of an inch to 1.50 inches of rain fell across the eastern half of the HSA. Anson reported 1.34 inches and areas across San Saba County received over one inch of rain.

Finally, on the 30th of the month, another cold front and upper level disturbance were the focus of moderate rainfall over much of the HSA. Rainfall amounts ranged from 1.21 inches in Menard County to 0.41 of an inch in Abilene.

The San Angelo Regional Airport received 1.91 inches of rain in April, which was 0.31 of an inch above the monthly normal rainfall of 1.60 inches.

The Abilene Regional Airport received 5.03 inches of rain in April, which was 3.36 inches above the monthly normal rainfall of 1.67 inches.

Rainfall Totals for April, 2004:

	Amt		Amt
Station Name	(in)	Station Name	(in)
Abilene 2	4.33	Menard	3.47
Acton Ranch	3.89	Merkel 12SW	3.85
Albany	6.12	Oak Creek Lake	3.57
Anson	3.50	Ozona 1SSW	3.68
Ballinger 2NW	2.83	Paint Rock	2.73
Brady	3.96	Putnam	5.45
Brownwood	5.73	Richland Springs	3.99
Burkett	3.61	Robert Lee	3.00
Coleman	4.41	Roscoe	2.83
Concho Park	3.55	Rotan	2.00
Eldorado	2.83	San Angelo WFO	1.84
Eldorado 10W	3.08	San Saba 7NW	5.36
Eldorado 12N	3.05	Silver Valley	5.62
Fort Griffin	3.81	Sonora	5.45
Fort McKavett	5.57	Stamford	3.53
Funk Ranch	1.82	Sterling City	1.37
Glen Cove	6.27	Sterling City 8NE	1.50
Hamlin	2.13	Taylor Ranch	4.92
Haskell	M	Telegraph	3.43
Hords Creek	4.85	Throckmorton 7NE	3.89
Humble Pump	3.49	Trent	2.96
Junction 4SSW	3.47	Water Valley	1.79
Lake Abilene	4.05	Water Valley 11NE	2.09
Lawn	5.77	Winters	4.89
London 3N	2.99	Woodson	6.12
Mason	4.88	(M) Missing data	

Reservoir Conditions (end of April, 2004)

Reservoir	Conservation Capacity (Ac-Ft)	Current Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	31,830	45
Lake Stamford	52,700	32,060	61
Hubbard Creek Lake	317,800	131,900	42
Hords Creek Lake	8,800	2,810	32
Lake Brownwood	131,428	130,390	99
E.V. Spence	488,760	42,440	9
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	2,770	2
O.H. Ivie	554,340	195,580	35

Hydro Products Issued

FFA = 8

FFW = 14

FFS = 17

FLS = 7 (Urban and Small Stream Flood Advisories)

RVS = 0

FLW = 0